

**IN THE ABSTRACT:**

A production method for a solid electrolytic capacitor comprises the steps of mixing a metal alkoxybenzenesulfonate and/or a metal alkylsulfonate as an oxidizing agent and an electrically conductive polymer in a solvent, immersing a capacitor element [(2)] in the resulting mixture solution, and forming an electrically conductive polymer layer in the capacitor element [(2)] by thermal polymerization.